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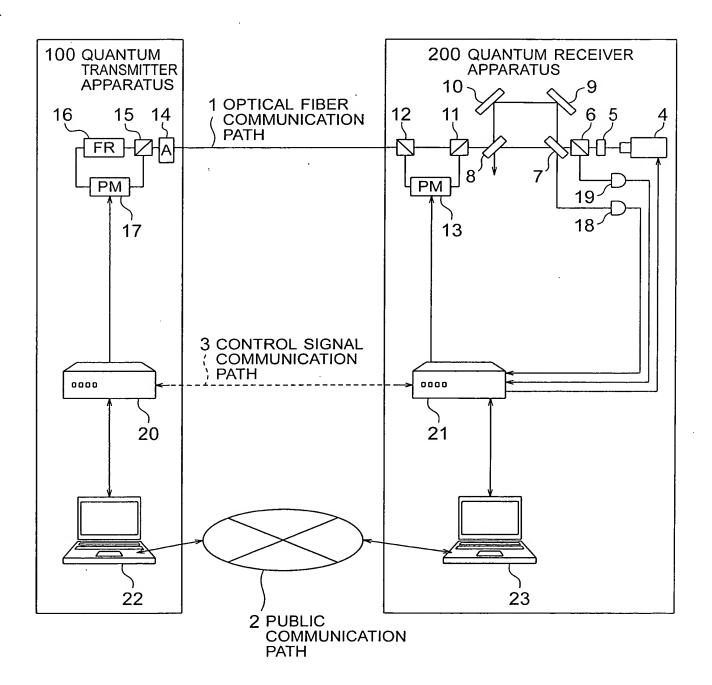
Inventor: Tsuyoshi NISHIOKA et al.
Title: QUANTUM CRYPTOGRAPHIC COMMUNICATION

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FIG. 1



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FIG. 2A

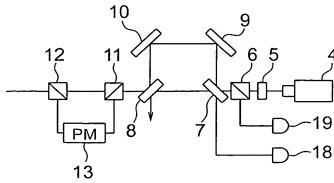


FIG. 2B

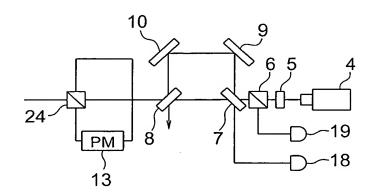


FIG. 2C

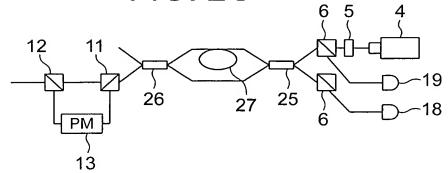
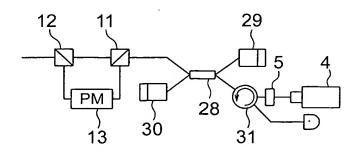


FIG. 2D



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FIG. 3A

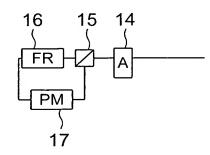


FIG. 3B

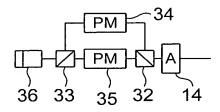


FIG. 3C

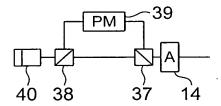


FIG. 3D

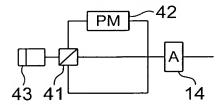
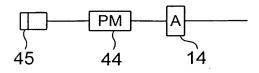
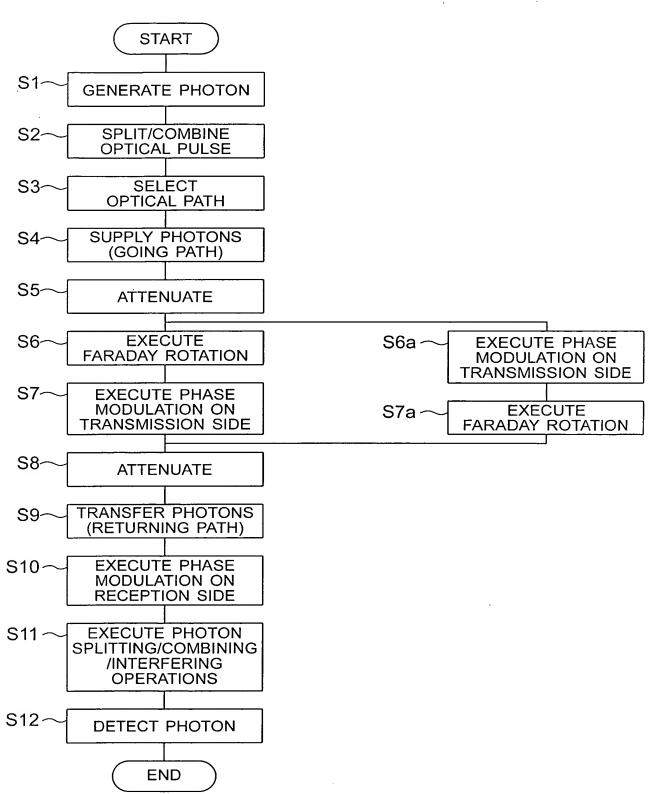


FIG. 3E



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FIG. 4



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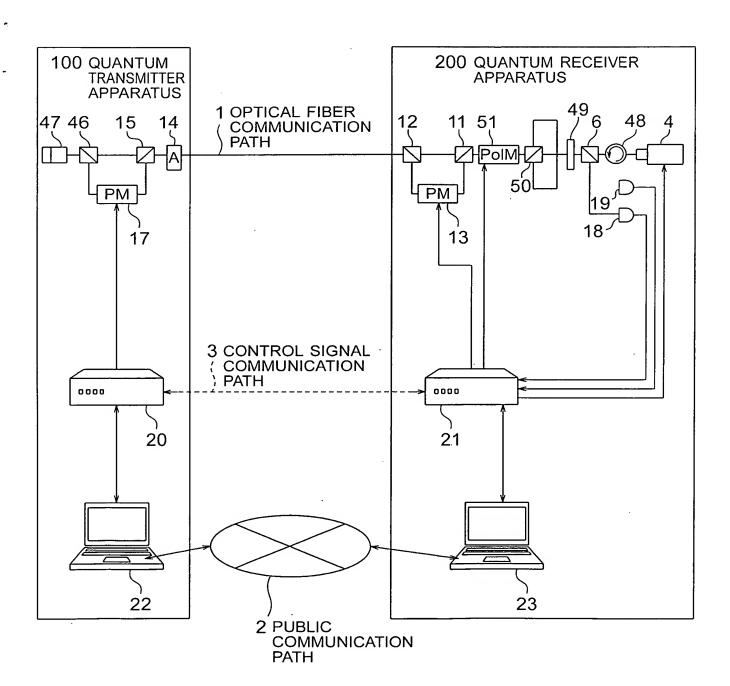
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FIG. 5



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FIG. 6A

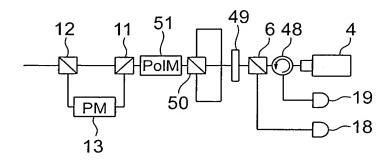


FIG. 6B

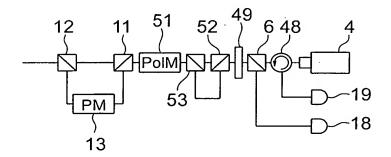
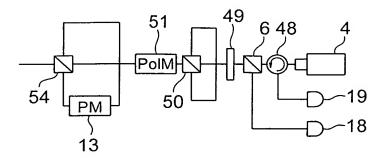


FIG. 6C



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FIG. 6D

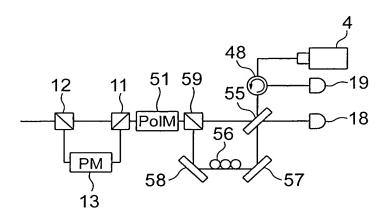
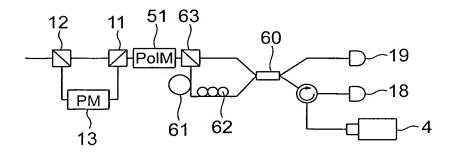


FIG. 6E



APPARATUS Sheet 8 of 8 **NEW SHEET** FIG. 7 START S1-**GENERATE PHOTON** SPLIT/COMBINE S2-OPTICAL PULSE S3-ROTATE POLARIZED WAVE SELECT S4-OPTICAL PATH SUPPLY PHOTONS S5-(GOING PATH) S6-**ATTENUATE** S7-**EXECUTE** S7a-**EXECUTE PHASE** FARADAY ROTATION MODULATION ON AND REFLECTION TRANSMISSION SIDE **EXECUTE EXECUTE PHASE** S8a-S8-**FARADAY ROTATION** MODULATION ON AND REFLECTION TRANSMISSION SIDE S9-**ATTENUATE** TRANSFER PHOTONS S10~ (RETURNING PATH) **EXECUTE PHASE** S11 ~ MODULATION ON RECEPTION SIDE ROTATE S12~ POLARIZED WAVE S13~ **EXECUTE PHOTON** SPLITTING/COMBINING /INTERFERING **OPERATIONS** S14~ **DETECT PHOTON END**

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